what java syllabus requirements to do sdet

Introduction to Core Java

- Introduction to Java
- JDK, JRE and JVM
- Operators in Java
- Data Type and Variable
- Conditional & Decision Making
- Java Comments
- Introduction to Classes
- Constructor
- Methods in Java
- Inheritance
- Method Overloading and Overriding
- Final Keyword
- Interface
- Java String
- Packages
- Wrapper Classes
- Exception Handling
- List
- Set
- Map
- Introduction to Thread

Web Development

- Basics of HTML
- Tags
- Elements
- Attributes
- Forms
- Form Elements
- Introduction to CSS & JavaScript
- JSP
- Servlet
- JDBC
- Web Servers
- Basic design Patterns

Spring Framework

- Introduction to Java Frameworks
- Most Popular Java Frameworks
- What is Spring Framework?
- Why use Spring?
- Advantages of Spring Framework
- How Spring works?
- Dependency Injection
- Aspect Oriented Programming – AOP
- Spring Architecture
- Spring Modules